

Analytical Summary Report

Analysis Method: SM2320 B
Parameter: Alkalinity
Run Number: LB120327
Constant: 50,000

Reviewed By: Iwona
Supervisor Review By: jignesh
Normality: 0.02
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
alkalinity LCSW 50 ppm	WP96956
0.1N Sulfuric acid for Alkalinity over 1000pp	WP95613

Seq	LabID	ClientID	TV (mg/L)	DL	Sample Vol (mL)	Initial pH	pH(4.3- 4.7)	Final pH	0.02N H2SO4				Alkalinity	Anal Date	Anal Time
									A	B	C	D			
									Initial (ml)	ml at pH(4.3-4.7)	Final (ml)	Diff (ml)			
1	LB120327BL	LB120327BL		1	100	4.98	4.57	4.27	0	0.06	0.12	0.00	0.00	05/24/2022	13:30
2	LB120327BS	LB120327BS	50	1	100	9.74	4.52	4.22	0.0	5.42	5.52	5.32	53.20	05/24/2022	13:38
3	N2970-11	RB02-20220519		1	100	4.72	4.41	4.11	0.00	0.06	0.10	0.02	0.20	05/24/2022	13:45
4	N2970-11DUP	RB02-20220519DU		1	100	4.71	4.45	4.15	0.00	0.06	0.12	0.00	0.00	05/24/2022	13:52
5	N2983-08	RB03-20220520		1	100	4.98	4.35	4.05	0.00	0.10	0.18	0.02	0.20	05/24/2022	14:00
6	N3003-06	RB04-2022023		1	100	4.92	4.52	4.22	0.00	0.08	0.12	0.04	0.40	05/24/2022	14:10

$$D = 2(B-A) - (C-A)$$

$$\text{Alkalinity} = (D * \text{Normality} * \text{Constant}) / \text{Sample Volume (ml)}$$